



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

PTO/SB/08A(04-07)

Modified form approved for use through 09/30/2007. OMB 651-0031
US Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Application Number	10/765,044
(Use as many sheets as necessary)		Filing Date	January 28, 2004
		First Named Inventor	Michael J. Freeman
		Group Art Unit	2623
		Examiner Name	Ricky Chin
Sheet 1 of 4		Attorney Docket No: 2050.071US4	

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-20040261127A1	12/23/2004	Freeman, M. J. et al.	01/28/2004
	US-5,114,115	05/19/1992	Gillott, Michael A.	08/27/1990
	US-5,195,092	03/16/1993	Wilson, Steven D., et al.	08/30/1991
	US-5,369,704	11/29/1994	Bennett, James D., et al.	03/24/1993
	US-5,583,560	12/10/1996	Florin, Fabrice, et al.	06/22/1993
	US-7,079,176	07/18/2006	Freeman, Michael J., et al.	10/27/2000
	US-9808340A1	02/26/1998	Guntrum, Mark	08/22/1997

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ¹
	EP-0954829A1	11/10/1999	Freeman, Michael J., et al.	
	WO-0016544A3	03/23/2000	Freeman, Michael J., et al.	
	WO-0045599A2	08/03/2000	Rainsford, Patrick J.	
	WO-81002961A1	10/15/1981	FOGLE, R., et al.	
	WO-97029458A1	08/14/1997	FREEMAN, Michael J., et al.	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Notice Of Allowance mailed 07-16-98", 5 pgs	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Advisory Action mailed 05-22-98", 1 pg	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Examiner's Interview Summary mailed 05-05-98", 2 pgs	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Final Office Action mailed 01-12-98", 11 pgs	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Non Final Office Action mailed 04-17-97", 9 pgs	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Response filed 05-12-98 to Final Office Action mailed 01-12-98", 13 pgs	
	"Application Serial No. 08/598,382 (Atty Ref 2050.078US1), Response filed 10-17-97 to Non Final Office Action mailed 04-17-97", 17 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Advisory Action mailed 05-08-02", 6 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Examiner Interview Summary mailed 04-23-02", 2 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Final Office ACtion mailed 07-29-03", 9 pgs	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/765,044
	Filing Date	January 28, 2004
	First Named Inventor	Michael J. Freeman
	Group Art Unit	2623
	Examiner Name	Ricky Chin
Sheet 2 of 4	Attorney Docket No: 2050.071US4	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ¹
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Final Office Action mailed 12-09-01", 11 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Non Final Office Action mailed 05-09-01", 11 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Non Final Office Action mailed 09-16-02", 7 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Preliminary Amendment mailed 07-02-99", 30 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Preliminary Amendment mailed 08-25-99", 29 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Preliminary Amendment mailed 12-17-98", 8 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 01-16-03 to Non Final Office Action mailed 09-16-02", 7 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 03-12-01 to Restriction Requirement mailed 02-12-01", 2 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 04-19-02 to Final Office Action mailed 12-19-01", 11 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 06-07-00 to Advisory Action mailed 05-08-00", 2 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 10-09-01 to Non Final Office Action mailed 05-09-01", 15 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 10-27-00 to Restriction Requirement mailed 08-28-00", 2 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Response filed 11-17-00 to Restriction Requirement mailed 08-28-00", 2 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Restriction Requirement mailed 05-08-00", 5 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Restriction Requirement mailed 08-28-00", 5 pgs	
	"Application Serial No. 08/815,168 (Atty Ref 2050.071US1), Restriction Requirement mailed 11-04-99", 5 pgs	
	"Application Serial No. 09/699,163 (Atty Ref 2050.071US5), Final Office Action mailed 07-19-05", 9 pgs	
	"Application Serial No. 09/699,163 (Atty Ref 2050.071US5), Non Final Office Action mailed 12-01-04", 9 pgs	
	"Application Serial No. 09/699,163 (Atty Ref 2050.071US5), Notice of Allowance mailed 11-29-05", 6 pgs	
	"Application Serial No. 09/699,163 (Atty Ref 2050.071US5), Response filed 03-01-05 to Non Final Office Action mailed 12-01-04", 3 pgs	

EXAMINER**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/765,044
	Filing Date	January 28, 2004
	First Named Inventor	Michael J. Freeman
	Group Art Unit	2623
	Examiner Name	Ricky Chin
Sheet 3 of 4	Attorney Docket No: 2050.071US4	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	"Application Serial No. 09/699,164 (Atty Ref 2050.071US7), Non-Final Office Action mailed 12-02-04", 9 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Advisory Action mailed 12-14-05", 3 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Final Office Action mailed 06-16-08", 5 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Final Office Action mailed 09-22-05", 20 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Non-Final Office Action mailed 03-28-05", 14 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Non-Final Office Action mailed 04-19-07", 15 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Response filed 06-28-05 to Non-Final Office Action mailed 03-28-05", 10 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Response filed 11-22-05 to Final Office Action mailed 09-22-05", 12 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Response filed 12-03-04 to Restriction requirement mailed 11-03-04", 9 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Response filed 12-26-07 to Non-Final Office Action mailed 04-19-07", 14 pgs	
	"Application Serial No. 09/699,222 (Atty Ref 2050.071US2), Restriction Requirement mailed 11-03-04", 5 pgs	
	"Application Serial No. 09/699,230 (Atty Ref 2050.071US6), Non-Final Office Action mailed 06-06-05", 7 pgs	
	"Application Serial No. 09/699,230 (Atty Ref 2050.071US6), Non-Final Office Action mailed 10-05-04", 7 pgs	
	"Application Serial No. 09/699,230 (Atty Ref 2050.071US6), Response filed 02-07-05 to Non-Final Office Action mailed 10-05-04", 6 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Final Office Action mailed 12-28-07", 11 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Non-Final Office Action mailed 10-04-06", 19 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Notice of Allowance mailed 06/02/2008", 7 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Notice of Allowance mailed 06/24/2008", 7 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Preliminary Amendment filed 07-08-02", 11 pgs	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Response filed 04-04-07 to Non-Final Office Action mailed 10-04-06", 32 pgs	

EXAMINER**DATE CONSIDERED**

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Complete if Known	
	Application Number	10/765,044
	Filing Date	January 28, 2004
	First Named Inventor	Michael J. Freeman
	Group Art Unit	2623
	Examiner Name	Ricky Chin
Sheet 4 of 4	Attorney Docket No: 2050.071US4	

OTHER DOCUMENTS – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Response filed 10-09-07 to Restriction Requirement mailed 08-09-07", 1 pg	
	"Application Serial No. 10/126,480 (Atty Ref 2050.071US3), Restriction Requirement mailed 08-09-07", 6 pgs	
	"Application Serial No. 10/126,480 (Atty. Ref. 2050.071US3) Response to Final Office Action filed 4-28-2008", 19 pgs.	
	"Chinese Application Serial No. 02155865.5 (Atty Ref 2050.071US2), First Office Action mailed 10-20-06", 37 pgs	
	"Chinese Application Serial No. 02155865.5 (Atty Ref 2050.071US2), Second Office Action mailed 07-13-07", 25 pgs	
	"Chinese Application Serial No. 02155865.5 (Atty Ref 2050.071US2), Third Office Action mailed 12-14-07", 17 pgs	
	"European Application Serial No. 00105875.9 (Atty Ref 2050.071EP3), European Office Action mailed 07-03-03", 3 pgs	
	"European Application Serial No. 00105875.9 (Atty Ref 2050.071EP3), European Office Action mailed 09-13-05", 10 pgs	
	"European Application Serial No. 00105875.9 (Atty Ref 2050.071EP3), European Search Report mailed 09-19-02", 5 pgs	
	"European Application Serial No. 00105878.3 (Atty Ref 2050.071EP4), European Office Action mailed 07-03-03", 5 pgs	
	"European Application Serial No. 97905876.5 (Atty Ref 2050.078EP1), Examiner's Report mailed 01-08-04", 5 pgs	
	"European Application Serial No. 97905876.5 (Atty Ref 2050.078EP1), Examiner's Report mailed 01-29-08", 6 pgs	
	"European Application Serial No. 97905876.5 (Atty Ref 2050.078EP1), Examiner's Report mailed 03-12-07", 7 pgs	
	"European Application Serial No. 97905876.5 (Atty Ref 2050.078EP1), Examiner's Report mailed 08-23-07", 8 pgs	
	"European Application Serial No. 97905876.5 (Atty Ref 2050.078EP1), International Search Report mailed 07-14-08", 3 pgs	
	"International Application Serial No. PCT/US97/02062 (Atty Ref 2050.078WO1), International Preliminary Examination Report mailed 10-02-98", 57 pgs	
	"International Application Serial No. PCT/US97/02062 (Atty Ref 2050.078WO1), International Search Report mailed 06-02-97", 6 pgs	
	"International Application Serial No. PCT/US97/02062 (Atty Ref 2050.078WO1), Written Opinion mailed 02-20-98", 4 pgs	

EXAMINER

DATE CONSIDERED

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant is to place a check mark here if English language Translation is attached